

## PROJECT INFORMATION

<b>Project Title</b>	Planning High Priority Invasive Plant Management in Mixed Conifer Forestsin the Sierra Nevada
<b>Brief Description</b>	<p>This project engages regional stakeholders from Plumas County to Fresno County, working through each county’s collaborative Weed Management Area (WMA) group. WMAs engage virtually all stakeholders involved in land management in each county, including the US Forest Service, National Parks, UC Cooperative Extension, county agricultural departments, Caltrans, local Resource Conservation Districts, (RCDs), as well as Sierra Pacific Industries and private industry. These partners work together to stopping the spread of new invasive plants that are moving into the Sierra Nevada. Recently established high-priority populations have been identified but cannot be controlled without additional planning, primarily environmental compliance. These are cost-effective “early detection/rapid response” opportunities focused on small populations of known weeds with high potential for spread.</p> <ul style="list-style-type: none"> <li>• Dyers woad (Isatis tinctoria) is a forb that has infested most of the northern part of the state and is now threatening to move south into the Sierra Nevada. It can expand to form dense monocultures, impacting native plant communities and forest regeneration. A lone 3.5-acre infestation was found at 4700-feet elevation in the Cooks Creek drainage in the Plumas National Forest following a 2007 fire California Invasive Plant Council in mixed conifer forest, most likely introduced by firefighting equipment. Annual hand-pulling efforts have limited the plant’s spread from this population so far, but full eradication will require application of herbicide. This cannot happen until project-specific NEPA/CEQA compliance work is completed. This infestation in the Plumas National Forest is one of a handful of populations in the Sierra Nevada, and should be removed before it spreads.</li> <li>• Spanish broom (Spartium junceum) is a large woody shrub that has significantly</li> </ul>

	<p>invaded much of the northern Sierra, potentially contributing to ladder fuels for wildfire in mixed conifer forest. Broom populations in the southern Sierra are much less widespread to date. The southern “leading edge” in Tuolumne County is a key containment zone. The population established near Groveland may serve as a source population for further spread unless removed. Again, project-specific NEPA/CEQA documentation for small-scale herbicide application must be completed..</p> <p>Along with working to complete planning for these two high-priority locations, project partners will collaborate to identify, prioritize and scope additional important invasive plant management opportunities in the region. These include species such as stinkwort (<i>Dittrichia graveolens</i>), an annual spreading eastward to higher elevations in the Eldorado National Forest, and hoary cress (<i>Cardaria draba</i>) a perennial found in a handful of locations in the southern Sierra that poses a potential threat in wet Sierra meadows.</p>
<b>Total Requested Amount</b>	69,575.00
<b>Other Fund Proposed</b>	6,000.00
<b>Total Project Cost</b>	75,575.00
<b>Project Category</b>	Pre-Project Due Diligence
<b>Project Area/Size</b>	0000
<b>Project Area Type</b>	Not Applicable
<b>Have you submitted to SNC this fiscal year?</b>	No
<b>Is this application related to other SNC funding?</b>	No

<b>Project Results</b>
Environmental site assessment (Phase I/II)

<b>Project Purpose</b>	<b>Project Purpose Percent</b>
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Water Quality	
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<b>County</b>
Plumas
Sierra

<b>Sub Region</b>
North Central

<b>PROJECT CONTACT INFORMATION</b>
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<b>Name</b>	Mr. Doug Johnson,
<b>Title</b>	Executive Director
<b>Organization</b>	California Invasive Plant Council
<b>Primary Address</b>	1442-A Walnut St. #642, , Berkeley, CA, 94709
<b>Primary Phone/Fax</b>	510-843-3902 <b>Ext.</b> 302
<b>Primary Email</b>	dwjohnson@cal-ipc.org

## PROJECT LOCATION INFORMATION

### Project Location

Address:	Various Locations in Plumas/Sierra county, , , Portola & Quincy, CA,
96122 United States	
Water Agency:	Indian Valley Community Services
Latitude:	39.50
Longitude:	-120.33
Congressional District:	n/a
Senate:	n/a
Assembly:	n/a
Within City Limits:	No
City Name:	

ADDITIONAL INFORMATION

Grant Application Type

**Grant Application Type:**  
**Category Two Pre-Project Activities**

<b>PROJECT OTHER CONTACTS INFORMATION</b>
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<b>Other Grant Project Contacts</b>
Name: Dr. Elizabeth Brusati, Project Role: Day-to-Day Responsibility Phone: 5108433902 Phone Ext: 305 E-mail: edbrusatic@cal-ipc.org

## UPLOADS

The following pages contain the following uploads provided by the applicant:

Upload Name
Completed Application Checklist
Table of Contents
Full Application Form
Authorization to Apply or Resolution
Narrative Descriptions
Detailed Budget Form
Restrictions/Agreements
Regulatory Requirements or Permits
CEQA Documentation
NEPA Documentation
Letters of Support
Letters of Support
Letters of Support
Letters of Support

Long Term Management Plan
Project Location Map
Project Location Map
Parcel Map Showing County Assessors Parcel Number
Parcel Map Showing County Assessors Parcel Number
Topographic Map
Topographic Map
Photos of the Project Site
Photos of the Project Site
Letters of Support

To preserve the integrity of the uploaded document, headers, footers and page numbers have not been added by the system.

## Full Application Checklist

Project Name: "Planning High-Priority Invasive Plant Management in Mixed Conifer Forests in the Sierra Nevada"

Applicant: California Invasive Plant Council

Please mark each box: check if item is included in the application; mark "N/A" if not applicable to the project. "N/A" identifications must be explained in the application. Please consult with SNC staff prior to submission if you have any questions about the applicability to your project of any items on the checklist. All applications must include a CD including an electronic file of each checklist item, if applicable. The naming convention for each electronic file is listed after each item on the checklist. (Electronic File Name = EFN: "naming convention". file extension choices)

Submission requirements for all Category One and Category Two Grant Applications

1. ☒ Completed Application Checklist (EFN: *Checklist.doc,.docx,.rtf, or .pdf*)
2. ☒ Table of Contents (EFN: *TOC.doc,.docx,.rtf, or .pdf*)
3. ☒ Full Application Project Information Form (EFN: *SIform.doc, .docx, .rtf, or .pdf*)
4. ☒ Authorization to Apply or Resolution (EFN: *authorization.doc, .docx, .rtf, or .pdf*)
5. ☒ Narrative Descriptions - Submit a single document that includes each of the following narrative descriptions (EFN: *Narrative.doc, .docx, .rtf*)
  - a. ☒ Detailed Project Description (5,000 character maximum)
    - ☒ Project Description including Goals/Results, Scope of Work, Location, Purpose, etc.
    - ☒ Project Summary
    - ☒ Environmental Setting
  - b. ☒ Workplan and Schedule (1,000 character maximum)
  - c. ☒ Restrictions, Technical/Environmental Documents and Agreements(1,000 character maximum)
  - d. ☒ Organizational Capacity(1,000 character maximum)
  - e. ☒ Cooperation and Community Support (1,000 character maximum)
  - f. ☒ Long Term Management and Sustainability (1,000 character maximum)
  - g. ☒ Performance Measures (1,000 character maximum)
6. Supplemental and Supporting documents
  - a. ☒ Detailed Budget Form (EFN: *Budget.xls, .xlsx*)
  - b. Restrictions, Technical/Environmental Documents and Agreements, as applicable

- ☒ Restrictions / Agreements (EFN: RestAgree.pdf)
- ☒ Regulatory Requirements / Permits (EFN: RegPermit.pdf)
- ☒ California Environmental Quality Act (CEQA) documentation (EFN: CEQA.pdf)
- ☒ National Environmental Policy Act (NEPA) documentation (EFN: NEPA.pdf)
- c. Cooperation and Community Support
  - ☒ Letters of Support (EFN: LOS.pdf)
- d. Long-Term Management and Sustainability
  - ☒ Long-Term Management Plan (EFN: LTMP.pdf)
- e. Maps and Photos
  - ☒ Project Location Map (EFN: LocMap.pdf)
  - ☒ Parcel Map showing County Assessor's Parcel Number(s) (EFN: ParcelMap.pdf)
  - ☒ Topographic Map (EFN: Topo.pdf)
  - ☒ Photos of the Project Site (10 maximum) (EFN: Photo.jpg, .gif)
- f. Additional submission requirements for Conservation Easement Acquisition applications only
  - NA Acquisition Schedule (EFN: acqSched.doc,.docx,.rtf,.pdf)
  - NA Willing Seller Letter (EFN: WillSell.pdf)
  - NA Real Estate Appraisal (EFN: Appraisal.pdf)
  - NA Conservation Easement Language (EFN: CE.pdf)
  - The above are labeled NA because this is not a Conservation Easement Acquisition project.*
- g. Additional submission requirements for Site Improvement / Restoration Project applications only
  - NA Land Tenure Documents – attach only if documentation was not included with Pre-application (EFN: Tenure.pdf)
  - NA Site Plan (EFN: SitePlan.pdf)
  - NA Leases or Agreements (EFN: LeaseAgmnt.pdf)
  - The above are labeled NA because this is not a Site Improvement/Restoration Project.*

I certify that the information contained in the Application, including required attachments, is accurate.

  
 Signed \_\_\_\_\_  
 (Authorized Representative)

January 23, 2012  
 \_\_\_\_\_  
 Date

Doug Johnson, Executive Director  
 \_\_\_\_\_  
 Name and Title (print or type)

***Planning High-Priority Invasive Plant Management  
in Mixed Conifer Forests in the Sierra Nevada***

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g. not applicable	

## Appendix B2

### SIERRA NEVADA CONSERVANCY PROPOSITION 84 - PROJECT INFORMATION FORM

Rev. August 2011

#### PROJECT NAME

Planning High-Priority Invasive Plant Management in Mixed Conifer Forests in the Sierra Nevada

#### APPLICANT NAME (Legal name, address, and zip code)

California Invasive Plant Council, 1442-A Walnut St., #462, Berkeley, CA 94709

#### PERSON WITH FISCAL MANAGEMENT RESPONSIBILITY FOR GRANT CONTRACT/INVOICING

*Name and title – type or print*

*Phone*

*Email Address*

☐ Mr. Doug Johnson, Executive Director

(510) 843-3902

djohnson@cal-ipc.org

☐ Ms.

#### COUNTY ADMINISTRATOR OR PLANNING DIRECTOR CONTACT INFORMATION (At least one entry is required)

*Name:* Plumas County Administrative Officer Jack W. Ingstad

*Phone Number:* (530) 283-6315

*Email address:* jackingstad@countyofplumas.com

*Name:* Tuolumne County Administrator Craig Pedro

*Phone Number:* 209-533-5511

*Email address:* CPEDRO@co.tuolumne.ca.us

#### NEAREST PUBLIC WATER AGENCY (OR AGENCIES) CONTACT INFORMATION (At least one entry is required)

*Name:* Indian Valley Community Services (Plumas Co.)

*Phone Number:* (530) 284-7224

Leanna Moore, General Manager

*Email address:* ivcsd@frontiernet.net

*Name:* Tuolumne Utilities District (Tuolumne Co.)

*Phone Number:* (209) 532-5536

Pete Kampa, General Manager

*Email address:* pkampa@tuolumneutilities.com

#### Please identify the appropriate project category below and provide the associated details (Choose One)

☐ Category One Site Improvement

☒ Category Two Pre-Project Activities

☐ Category One Conservation Easement Acquisition

#### ☐ Site Improvement/Conservation Easement Acquisition

Project area: \_\_\_\_\_

Total Acres: \_\_\_\_\_

SNC Portion (if different): \_\_\_\_\_

Total Miles (i.e. river or stream bank): \_\_\_\_\_

SNC Portion (if different): \_\_\_\_\_

#### Select one primary Site Improvement/Conservation Easement Acquisition deliverable

☐ Restoration

☐ Enhancement

☐ Resource Protection

☐ Infrastructure Development / Improvement

☐ Conservation Easement

<b>For Conservation Easement Acquisitions Only</b> <input type="checkbox"/> Appraisal Included <input type="checkbox"/> Will submit appraisal by _____	
<b>X Pre-Project Activities</b>	<b>Select <u>one</u> primary Pre-Project deliverable</b> <div><input type="checkbox"/> Permit</div> <div><input checked="" type="checkbox"/> CEQA/NEPA Compliance</div> <div><input type="checkbox"/> Appraisal</div> <div><input type="checkbox"/> Plan</div> <div><input type="checkbox"/> Condition Assessment</div> <div><input type="checkbox"/> Biological Survey</div> <div><input type="checkbox"/> Environmental Site Assessment</div>



**Cal-IPC**  
California Invasive Plant Council

1442-A Walnut St., #462  
Berkeley, CA 94709  
(510) 843-3902  
fax (510) 217-3500  
www.cal-ipc.org

**2012 Board of Directors**

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*Council for Watershed Health*

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Kai Palenscar, *UC Riverside*

*[Affiliations for identification only]*

## BOARD OF DIRECTORS RESOLUTION

January 20, 2012

A RESOLUTION AUTHORIZING APPLICATION FOR GRANT FUNDS FROM THE SIERRA NEVADA CONSERVANCY FOR THE PROJECT: "Planning High-Priority Invasive Plant Management in Mixed Conifer Forests in the Sierra Nevada"

WHEREAS, Cal-IPC has identified this project as valuable for meeting its mission of protecting the state's wildlands from invasive plants; and

WHEREAS, the Sierra Nevada Conservancy requires a resolution approving application by the applicant's governing board; and

WHEREAS, the applicant, if selected, will enter into an agreement with the Sierra Nevada Conservancy to carry out the project;

BE IT HEREBY RESOLVED that this Board:

- Approves the submittal of this application; and
- Certifies that applicant understands the assurances and certification requirements in the application; and
- Certifies that applicant will have sufficient funds to operate and maintain the resource(s) consistent with the long-term benefits described in support of the application, or will secure the resources to do so; and
- Certifies that applicant will comply with all legal requirements as determined during the application process; and
- Appoints Executive Director Doug Johnson, or designee, as agent to conduct all negotiations, execute and submit all documents, including but not limited to: applications, agreements, payment requests, and so on, which may be necessary for the completion of the aforementioned project.

## CERTIFICATION

I hereby certify that the foregoing Resolution was duly and regularly adopted by the Board of Directors of the California Invasive Plant Council via email as prescribed in the organization's bylaws on the 20<sup>th</sup> day of January, 2012, by the following vote:

Ayes: 13

Noes: 0

Abstained: 0

Absent: 2

Attest: Recorded

Julie Horenstein, Secretary

## ***Planning High-Priority Invasive Plant Management in Mixed Conifer Forests in the Sierra Nevada***

### **Narrative Description**

#### **a) Detailed Project Description**

Project Summary: This planning project protects Sierra Nevada watersheds and mixed conifer forests by preparing high-priority invasive plant removal projects for implementation. With regional partners we will complete site assessments, environmental compliance, and management plans for key “rapid response” sites in Plumas and Tuolumne counties. Collaborators will use the new CalWeedMapper tool to determine other top sites across the region and how they can be served by a similar planning approach.

Environmental Setting: One site is at 4700 feet in the Plumas National Forest, where dyer’s woad established in the mixed conifer zone after a 2007 fire. A second site is at 2800 feet near Groveland where Spanish broom has established on Caltrans right-of-way and Bureau of Land Management property. Land-use will not change.

Invasive plants can seriously alter mixed conifer forests and meadow habitats in the Sierra Nevada. Some plants alter undergrowth communities that support wildlife, some contribute to wildfire fuels, and others are strong fire-followers that can inhibit reforestation after wildfire. Controlling invasive plant populations before they spread is a cost-effective way to protect watershed and forest health. Some invasive plant species are just now moving into the region, and responding promptly is critical for avoiding large-scale impacts.

This project engages regional stakeholders from Plumas County to Fresno County, working through each county’s collaborative Weed Management Area (WMA) group. WMAs engage virtually all stakeholders involved in land management in each county, including the US Forest Service, National Parks, UC Cooperative Extension, county agricultural departments, Caltrans, local Resource Conservation Districts, (RCDs), as well as Sierra Pacific Industries and private industry. These partners work together to stopping the spread of new invasive plants that are moving into the Sierra Nevada. Recently established high-priority populations have been identified but cannot be controlled without additional planning, primarily environmental compliance. These are cost-effective “early detection/rapid response” opportunities focused on small populations of known weeds with high potential for spread.

- Dyers woad (*Isatis tinctoria*) is a forb that has infested most of the northern part of the state and is now threatening to move south into the Sierra Nevada. It can expand to form dense monocultures, impacting native plant communities and forest regeneration. A lone 3.5-acre infestation was found at 4700-foot elevation in the Cooks Creek drainage in the Plumas National Forest following a 2007 fire

in mixed conifer forest, most likely introduced by firefighting equipment. Annual hand-pulling efforts have limited the plant’s spread from this population so far, but full eradication will require application of herbicide. This cannot happen until project-specific NEPA/CEQA compliance work is completed. This infestation in the Plumas National Forest is one of a handful of populations in the Sierra Nevada, and should be removed before it spreads.

- Spanish broom (*Spartium junceum*) is a large woody shrub that has significantly invaded much of the northern Sierra, potentially contributing to ladder fuels for wildfire in mixed conifer forest. Broom populations in the southern Sierra are much less widespread to date. The southern “leading edge” in Tuolumne County is a key containment zone. The population established near Groveland may serve as a source population for further spread unless removed. Again, project-specific NEPA/CEQA documentation for small-scale herbicide application must be completed..

Along with working to complete planning for these two high-priority locations, project partners will collaborate to identify, prioritize and scope additional important invasive plant management opportunities in the region. These include species such as stinkwort (*Dittrichia graveolens*), an annual spreading eastward to higher elevations in the Eldorado National Forest, and hoary cress (*Cardaria draba*) a perennial found in a handful of locations in the southern Sierra that poses a potential threat in wet Sierra meadows.

Cal-IPC’s new CalWeedMapper tool provides maps of each invasive plant species’ spread and suitable range, and will facilitate regional prioritization. For each key population that is identified, the team will assess the planning barriers that impede treatment. A goal will be to identify particular planning activities that can be streamlined in order to facilitate rapid response to such new infestations across the region. Another goal will be to organize surveys to check “citizen science” reports in various locations to determine if the plant is actually there, and if so what management is needed.

## **b) Workplan and Schedule Narrative**

Cal-IPC will coordinate site assessments, management plans, and environmental compliance for the two identified sites with the US Forest Service, UC Cooperative Extension, county agricultural departments and other regional partners. Using CalWeedMapper, partners will also identify other sites in the region that can be addressed using a similar approach.

Task/Deliverable	Timeline
Complete site assessment for Plumas and Tuolumne sites	2012 Q3
Form project team for environmental compliance work	2012 Q3
Begin environmental compliance work	2012 Q4
Progress Report #1	Dec. 31, 2012

Use CalWeedMapper to identify/scope additional priority sites	2012 Q1
Complete management plans	2013 Q1
Complete environmental compliance work	2013 Q2
Use CalWeedMapper to direct field verification of occurrence reports	2012 Q2
Project Completion, Final Report	June 30, 2013

### **c. Restrictions, Technical/Environmental Documents and Agreements Narrative**

Restrictions/Agreements: There are no known restrictions expected to adversely impact project completion. The Plumas County site is entirely on public property. The Tuolumne County site is almost entirely on public property, and; the county agricultural department can access private property for noxious weed control.

Regulatory Requirements/Permits: CEQA compliance will be handled in two ways. For sites on Forest Service property, USFS staff will complete project-specific NEPA documentation (including CEQA requirements). Given the straightforward nature of the invasive plant treatments likely to be considered, we expect Negative Declarations and Findings of No Significant Impact. For sites not on federal land, we will plan management through county Agricultural Commissioners, who treat noxious weeds under a CEQA Class 8 exemption. Our sites will not require CDFG Section 1600 streambed alteration requirements, nor do we expect to impact listed species, avoiding the need to address Endangered Species Act requirements.

### **d. Organizational Capacity Narrative**

Cal-IPC works with an extensive network of land management professionals across the state, providing strategic analysis and support. Key personnel for this project include Dr. Elizabeth Brusati, Cal-IPC Science Program Manager, who leads range-modeling efforts, and Dana Morawitz, Cal-IPC Mapping Program Manager, who leads CalWeedMapper development and regional planning. In recent years, Cal-IPC has built its capacity to provide strategic analysis in the Sierra through grants from the Resources Legacy Fund and the National Fish & Wildlife Foundation.

Partners for the project include representatives from the US Forest Service, UC Cooperative Extension, and county Agricultural Commissioners. The project is supported by the chairs of the Sierra-Plumas WMA, the El Dorado WMA, the Alpine WMA, the Central Sierra WMA (Tuolumne and Calaveras counties), and the Sierra-San Joaquin WMA (Madera, Mariposa, and Fresno counties). All will be active as partners in the project, representing a great amount of expertise and capacity.

### **e. Cooperation and Community Support Narrative**

As described above, numerous organizations through WMAs in the region will be key partners, providing local expertise and community stakeholder support. WMA participants will be instrumental in evaluating and selecting priority invasive plant sites.

These partners have already participated in our work to generate a Sierra Nevada strategy for an initial set of forty species ([www.cal-ipc.org/ip/mapping/sierra](http://www.cal-ipc.org/ip/mapping/sierra)). Letters of support are included from:

- Keith Mahan, Plumas County Agricultural Commissioner, Chair of Plumas-Sierra WMA
- Wendy West, Extension Agent, University of California Cooperative Extension Chair of El Dorado WMA
- Scott Oneto, Extension Agent, University of California Cooperative Extension, Chair of Central Sierra WMA (Tuolumne and Calaveras counties)
- Joanna Clines, Forest Botanist, Sierra National Forest, Chair of Sierra-San Joaquin WMA (Madera, Mariposa and Fresno counties)

#### **f. Long-Term Management and Sustainability Narrative**

The proposed project is the latest step in an ongoing process to address high-priority invasive plant populations in the Sierra Nevada. The completion of the CalWeedMapper online tool provides a way to track these priorities as they evolve over time. This includes project treatment as well as new invasive plant finds.

By building a regional collaborative effort through the county WMA structure, we have the infrastructure in place to plan and monitor progress on invasive plant management efforts over the long-term. We are training regional participants in using the online tool to maintain records of treatments and observations. This helps ensure the continuity of project efforts despite personnel changes and budget fluctuations. Long-term conservation progress is the bottom-line goal of this project.

#### **g. Performance Measures Narrative**

This planning project lays groundwork for future site improvement. Performance measures will include the number of sites for which we complete planning, the number of acres that will be improved by eventual implementation, and the estimated number of acres protected by preventing spread of pioneer invasive plant populations. We will also report on the number of additional sites identified to be addressed by a similar planning approach in the future, and the number of occurrence reports identified for field verification.

**Project Name:** Planning High-Priority Invasive Plant Management in Mixed Conifer Forests in the Sierra Nevada

**Applicant:** California Invasive Plant Council

Direct Costs	Year 1	Year 2	Total
Salary and Benefits (Program Manager at \$32.50/hr)			
- Site identification, selection, and assessment (240 hrs)	7,800		7,800
- Assessments and environmental compliance (400 hrs)	13,000		13,000
- Mapping and management plans (320 hrs)	10,400		10,400
Contractors			
- Environmental compliance (300 hours at \$50/hr)	15,000		15,000
- Field mapping (100 hours at \$40/hr)	4,000		4,000
Travel			
- 10 trips x (400 mi x \$0.50/mi) + \$100 lodging + \$50 meals	3,500		3,500
<b>Direct Costs Subtotal:</b>	<b>53,700</b>		<b>53,700</b>
Indirect Costs			
Salary and Benefits (Program Manager at \$32.50/hr)			
- Performance measure reporting (40 hrs)	1,300		1,300
Occupancy and communications	5,000		5,000
Supplies	500		500
<b>Indirect Costs Subtotal:</b>	<b>6,800</b>		<b>6,800</b>
<b>Project Total:</b>	<b>60,500</b>		<b>60,500</b>
Administrative Costs			
Accounting, insurance and legal at 15%	9,075		9,075
<b>Administrative Costs Total:</b>	<b>9,075</b>		<b>9,075</b>
<b>SNC TOTAL GRANT REQUEST:</b>	<b>69,575</b>		<b>69,575</b>
Other Project Contributions			
Partners, in-kind, 12 experts x 10 hrs each at \$50/hr	6,000		6,000
<b>Total Other Contributions:</b>	<b>6,000</b>		<b>6,000</b>

### **Restrictions/Agreements**

There are no known restrictions or agreements that would impede the currently identified project sites. The Plumas County site is on Plumas National Forest land, and the Forest Service is a partner in this project. The Tuolumne County site is almost entirely on land owned by the Bureau of Land Management and Caltrans, both active partners in the county Weed Management Area which supports the project. A small amount of the invasive plant population (5% or less) may be on private land. Local project partners are confident that they will receive permission to treat any plants on adjoining private property.

Any additional sites that are selected will be chosen in part based on their lack of significant restrictions that could impede planning or future implementation of the project.

## **Regulatory Requirements/Permits**

CEQA permitting will be required for each project. On the Plumas National Forest, the Forest Service will conduct NEPA review (anticipated to be a Finding of No Significant Impact) that also covers CEQA requirements. On the Tuolumne County site, Cal-IPC will work with the county's Weed Management Area to put all environmental compliance in place. The Tuolumne County Agricultural Commissioner's Office may be able to conduct management on Caltrans right-of-way (and any infested private property), using their CEQA Class 8 exemption as a regulatory agency for treating state-listed noxious weeds. We will work with BLM to conduct NEPA review (anticipated to be a Finding of No Significant Impact) that also covers CEQA requirements.

CEQA review will be conducted for any additional sites selected for this project, and NEPA review when required for federal land.

## **California Environmental Quality Act (CEQA) Documentation**

CEQA permitting will be required for each project site. Preparation of CEQA (and NEPA) environmental compliance is a core aspect of this planning project, since these high-priority invasive plant sites cannot currently be treated effectively because environmental review for eradication work has not been conducted. On the Plumas National Forest, the Forest Service will conduct NEPA review (anticipated to be a Finding of No Significant Impact) that also covers CEQA requirements. On the Tuolumne County site, Cal-IPC will work with the county's Weed Management Area to put environmental compliance in place. The Tuolumne County Agricultural Commissioner's Office may be able to conduct management on Caltrans right-of-way (and any infested private property), using their CEQA Class 8 exemption as a regulatory agency for treating state-listed noxious weeds. We will work with BLM to conduct NEPA review (anticipated to be a Finding of No Significant Impact) that also covers CEQA requirements.

CEQA review will be conducted for any additional sites selected for this project, and NEPA review when required for federal land.

## **National Environmental Policy Act (NEPA) Documentation**

NEPA permitting will be required for each project site that includes federal land.ducted. On the Plumas National Forest, the Forest Service will conduct NEPA review (anticipated to be a Finding of No Significant Impact) that also covers CEQA requirements. On the Tuolumne County site, we will work with the Bureau of Land Management to conduct NEPA review (anticipated to be a Finding of No Significant Impact) that also covers CEQA requirements.

NEPA review will be conducted in association with federal agencies for any additional sites selected on federal land.



**University of California**  
**Agriculture and Natural Resources**

**UC Cooperative Extension Central Sierra**  
*Serving Tuolumne, Amador, Calaveras and El Dorado Counties*

2 S. Green St., Sonoma, CA 95370  
(209) 533-5695 office  
(209) 532-8978 fax  
[cecentralsierra@ucdavis.edu](mailto:cecentralsierra@ucdavis.edu)  
<http://cecentralsierra.ucanr.org/>



Sierra Nevada Conservancy  
c/o Doug Johnson  
California Invasive Plant Council  
1442-A Walnut Street, #462  
Berkeley, CA 94709

The University of California Cooperative Extension Central Sierra strongly supports Cal-IPC's proposal for "Planning High-Priority Invasive Plant Management in Mixed Conifer Forests in the Sierra Nevada".

Our agriculture and natural resources programs are deeply involved in preventing the spread of invasive plants into the Sierra. UCCE programs have mapped weeds and created outreach campaigns—targeting land managers, ranchers, growers and home owners—to help slow the invasion of noxious weeds into the Sierra Nevada. By conducting necessary planning activities, including mapping and environmental compliance, this project clears the way for implementing on-the-ground work to eradicate incipient outlier populations.

We will partner with Cal-IPC to identify high-priority sites for eradication of invasive plants that will otherwise spread farther into our region. We will work together to complete planning for the top sites selected so that we can implement on-the-ground eradication work as soon as possible. To ensure long-term success we are committed to monitoring project sites after control activities.

We stand ready to work with Cal-IPC and other regional partners on this project. We encourage full support of this proposal by the Sierra Nevada Conservancy.

Sincerely,

Scott Oneto  
County Director & Agriculture/Natural Resources Advisor

# *El Dorado Invasive Weeds Management Group*

January 19, 2012

Sierra Nevada Conservancy  
c/o Doug Johnson  
California Invasive Plant Council  
1442-A Walnut Street, #462  
Berkeley, CA 94709

To the Members of the Board:

The El Dorado Invasive Weeds Management Group strongly supports Cal-IPC's proposal for "Planning High-Priority Invasive Plant Management in Mixed Conifer Forests in the Sierra Nevada".

Our WMA is dedicated to preventing the spread of invasive plants into the Sierra. We focus on an "early detection/rapid response" approach where we address invasive plants before they can spread too far out of control. By conducting necessary planning activities, including mapping and environmental compliance, this project clears the way for implementing on-the-ground work to eradicate these incipient outlier populations.

The organizations involved in our WMA include a broad range of partners---- private landowners, El Dorado Department of Transportation, Caltrans, the El Dorado Irrigation District, the US Forest Service, California Native Plant Society, just to name a few. We currently partner with Cal-IPC to identify high-priority sites for eradication of invasive plants that will otherwise spread farther into our region. We will work together to complete planning for the top sites selected so that we can implement on-the-ground eradication work as soon as possible. To ensure long-term success we are committed to monitoring project sites after control activities.

We look forward to working with Cal-IPC and other regional partners on this project. We encourage full support of this proposal by the Sierra Nevada Conservancy.

Sincerely,



Wendy K. West  
Chair – El Dorado Invasive Weeds Management Group  
UC Cooperative Extension – Central Sierra

*Coordinating activities for the exclusion, detection, eradication and suppression  
of noxious and invasive weeds in El Dorado County*

311 Fair Lane Placerville, CA 95667  
(530) 621-5502



Keith Mahan  
Agricultural Commissioner  
Sealer of Weights & Measures  
keithmahan@countyofplumas.com

# Plumas-Sierra Counties

## Department of Agriculture

**Agriculture Commissioner**  
**Sealer of Weights and Measures**



208 Fairgrounds Road  
Quincy, CA 95971  
Phone: (530) 283-6365  
Fax: (530) 283-4210

January 20, 2012

The Plumas-Sierra Weed Management Area strongly supports the proposal for "Planning High-Priority Invasive Plant Management in Mixed Conifer Forests in the Sierra Nevada". We will work with the California Invasive Plant Council, the US Forest Service and other partners to complete planning for high priority invasive plant populations in our region.

It is critical that we prevent the further spread of invasive plants into the Sierra. Plants like dyers woad have shown how much they can spread in the northern part of the state and are just getting started in our area. If we get them now, we can save a lot of impact on forests later. This project will help us get mapping and environmental compliance documents in place in order to proceed with eradication of new small populations.

The organizations involved in our WMA include local, state and federal land management agencies as well as timber companies. We will work together with Cal-IPC to complete planning for the top sites selected so that we can implement on-the-ground eradication work. We are here to monitor project sites after control activities to ensure long-term success in preventing the spread of these invasive plants.

Please give this proposal strong consideration.

Thank you,

A handwritten signature in blue ink that reads "Keith Mahan".

Keith Mahan  
Plumas County Agricultural Commissioner  
Sealer of Weights & Measures



File Code: 2080

Date: January 23, 2012

Sierra Nevada Conservancy  
c/o Doug Johnson  
California Invasive Plant Council  
1442-A Walnut Street, #462  
Berkeley, CA 94709

RE: Support for SNC Grant Application for Invasive Plant Management in Mixed Conifer Forests

The Sierra-San Joaquin Noxious Weed Alliance, a Weed Management Area covering Fresno, Madera and Mariposa counties, is pleased to support the proposal from the California Invasive Plant Council to coordinate the project "Planning High-Priority Invasive Plant Management in Mixed Conifer Forests in the Sierra Nevada".

Our WMA works to prevent the spread of invasive plants into the central and southern Sierra. We focus on an early detection /rapid response model where we seek to address invasive non-native plants before they can spread out of control. This project will complete planning activities for several key sites where it is critical to eradicate incipient outlier populations that are poised to spread into otherwise uninfested coniferous forest ecosystems. Completing environmental compliance will be a core task, and as partners we will help develop a streamlined approach that can be implemented for additional sites.

The organizations involved in our WMA include the three counties, Bureau of Land Management, California State Parks, Caltrans, California Native Plant Society, Central Sierra Watershed Committee, Coarsegold Resource Conservation District (RCD), Chowchilla-Redtop RCD, Mariposa County RCD, Pacific Gas & Electric Company, San Joaquin Parkway and Conservation Trust, Sierra Foothill Conservancy, Sierra RCD, Southern California Edison Company, University of California Cooperative Extension, National Park Service, and the Forest Service. We are an active WMA that has been in existence since 1998. We will partner with Cal-IPC to identify additional high-priority sites for eradication of invasive plants that will otherwise spread farther into our region. We will also contribute by investigating unconfirmed reports of isolated populations so that strategic maps are even more effective. We are excited to work with Cal-IPC and other regional partners on this project, and we encourage full support of this proposal by the Sierra Nevada Conservancy.

Sincerely,

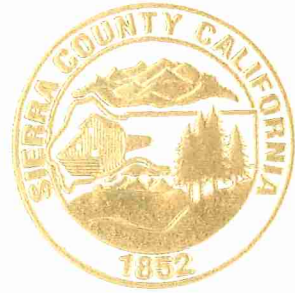
JOANNA M. CLINES  
Forest Botanist  
WMA Chairperson



# COUNTY OF SIERRA

## BOARD OF SUPERVISORS

PO Drawer D  
Downieville, CA 95936  
Telephone: (530) 289-3295  
Fax: (530) 289-2830



February 24, 2012

Sierra Nevada Conservancy  
11521 Blocker Drive  
Suite 205  
Auburn, California 95603

Attn: Mr. Jim Branham  
Executive Officer

Dear Mr. Branham:

Thank you for your notice of grant applications being evaluated by the Sierra Nevada Conservancy for projects that are proposed for funding within Sierra County. The Board of Supervisors appreciates the opportunity to evaluate these projects and offer any appropriate comments.

The Board of Supervisors on February 21, 2012 discussed these projects and have requested that comments be forwarded to you for consideration before any decision is rendered regarding grant award. The following comments are offered:

- 1) **Project 457-The Nature Conservancy-Forest Restoration and Fuel Reduction Treatments-Independence Lake Property.** The Board of Supervisors supports this project as it is consistent with the Board of Supervisors highest priority goals for funding.
- 2) **Project 482-Sierra County Land Trust-Easement/Acquisition/Landowner Agreement-Lusk Meadows Parcel.** The Board of Supervisors opposes this proposed project on the basis that it appears to be an easement acquisition with little public benefit. There is no working landscape or working operation (family ranch, forest or agricultural land in a working state) on this extremely small parcel (60 by 100 foot parcel) which sits among other like-sized parcels. Such acquisition would not be truly consistent with the spirit of the SNC grant guidelines and thus would not be a proper use of funds. Additionally, the proposal is not consistent with the highest priority use of funds, that being fire fuel reduction, forest treatments and forest health, as has been determined by the Board of Supervisors.
- 3) **Project 500-USDA Forest Service Weed Treatments.** The Board of Supervisors has no comment.
- 4) **Project 509-Sierra Valley Resource Conservation District-Carman Creek Watershed.** The Board of Supervisors supports the fuel treatment and forest health component of this project but opposes any funding toward watershed restoration that employs the "plug and pond" method of treatment until further study is done that

identifies and analyzes any adverse impacts, including impacts to downstream water users and existing water rights. The Board of Supervisors urges funding of only the fuel treatment phase of the proposed project.

- 5) **Project 512-USDA Forest Service Weed Treatments.** The Board of Supervisors has no comment.
- 6) **Project 542-Plumas Corporation-Meadow Carbon Markets.** The Board of Supervisors opposes funding of this proposed project as it competes with the highest priority use of funds for fuel reduction and forest treatments as determined by the Board of Supervisors. Further, the Board of Supervisors has not been consulted on this proposed project by the applicant agency.
- 7) **Project 575-SedCorp/EPIC-Biomass Facilities Study.** The Board of Supervisors opposes the use of funds for this proposed project. This proposed project does not facilitate the highest priority use of funds as determined by the Board of Supervisors. This project is not an on-the-ground treatment and is a study that the Board of Supervisors has determined is not necessary nor will it be in the best interest of its priority level of support for the biomass power plant at Loyalton.
- 8) **Project 584-USDA Forest Service-Weed Treatment EA-Smithneck.** The Board of Supervisors opposes the use of funds for the proposed project as it is not consistent with the highest priority uses of funds as determined by the Board of Supervisors. The Board of Supervisors further noted that this proposed project is an administrative function that should be a responsibility of the requesting agency and by proposing use of funds for such projects, the potential use of funds for on-the-ground treatments is diminished.
- 9) **Project 595-Sierra County Fire Safe and Watershed Council-West County Fuel Reduction.** The Board of Supervisors supports this project as it matches the highest priority use of funds as determined by the Board of Supervisors. The Board of Supervisors has already forwarded a resolution and letter of support to the Conservancy for this proposed project.
- 10) **Project 610-Sierra County Land Trust-Acquisition/Easement/Landowner Agreement-Lusk Meadows.** The Board of Supervisors opposes the use of funds for this proposed project for the very same reasons as outlined for "Project 482" as described in paragraph 2 herein.
- 11) **Project 613 and 620-California Invasive Plant Council-The Board of Supervisors** has no comment.

Thank you and if you have any questions or desire further information, please contact the Board of Supervisors at your earliest convenience. We will look forward to your reply

Sincerely,

Sierra County  
Board of Supervisors



Peter W. Huebner  
Chairman of the Board

### **Long-term Management Plan**

This is not a site-improvement project. But this planning project is being conducted in the expectation that it will lay the foundation for site improvement in the future. Part of this project will be to complete management plans for each site, including the needed action over the next decade to ensure project success. This will include regular monitoring to look for regrowth, and subsequent treatments as necessary. Broom in particular has a long-lived seed bank, and will require long-term observation to ensure that populations treated do not recover.

The online tool CalWeedMapper provides a central system for updating information on invasive plant populations. Project partners can log when populations in a given USGS quad begin treatment and when they are believed eradicated. Partners can also log new finds, and can confirm or remove currently unconfirmed past observations entered into the database. This system will allow long-term tracking of each project as well as its regional significance in preventing spread. This project will provide an excellent opportunity for incorporating CalWeedMapper into strategic planning for regional invasive plant management work over the long-term.

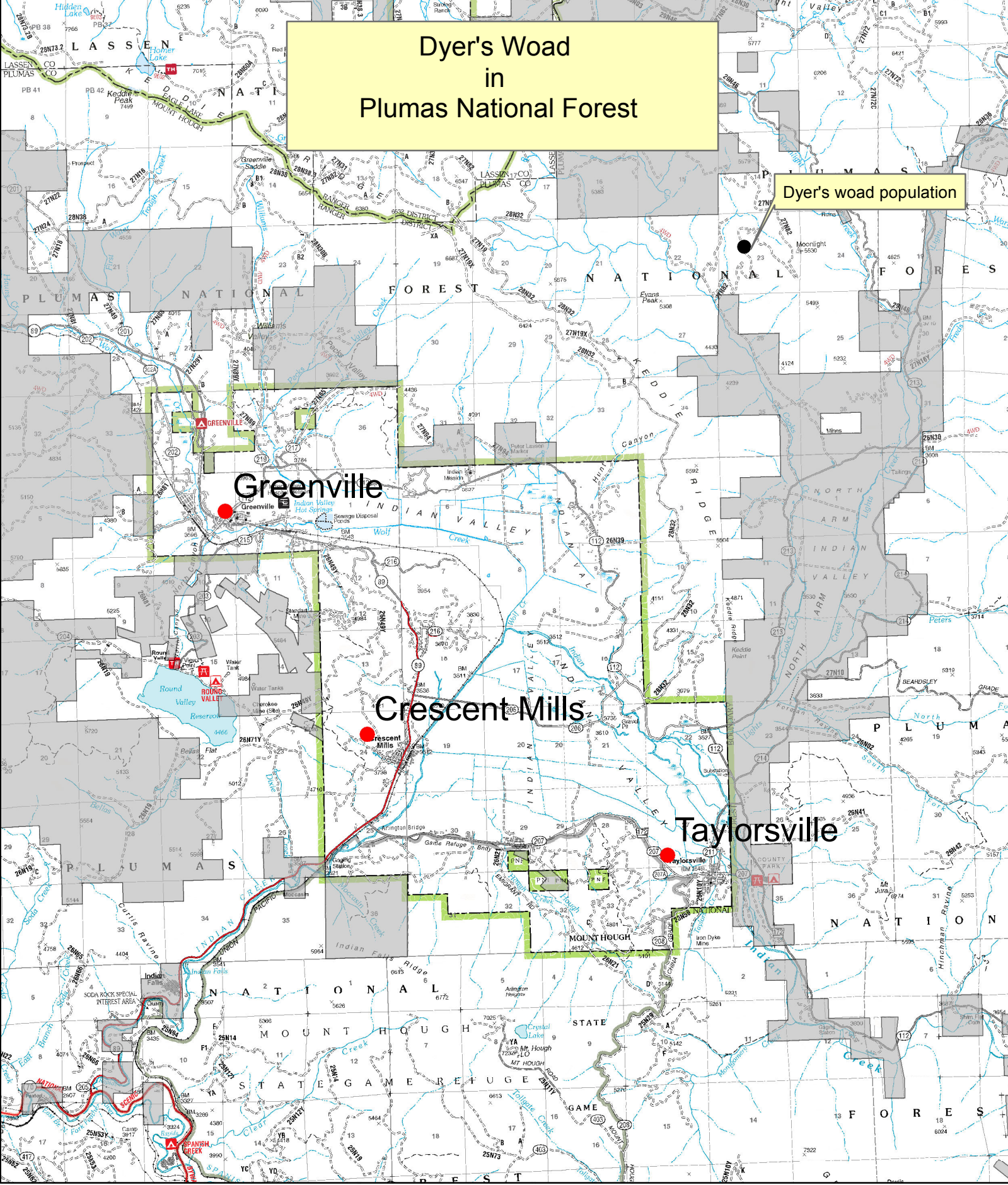
# Dyer's Woad in Plumas National Forest

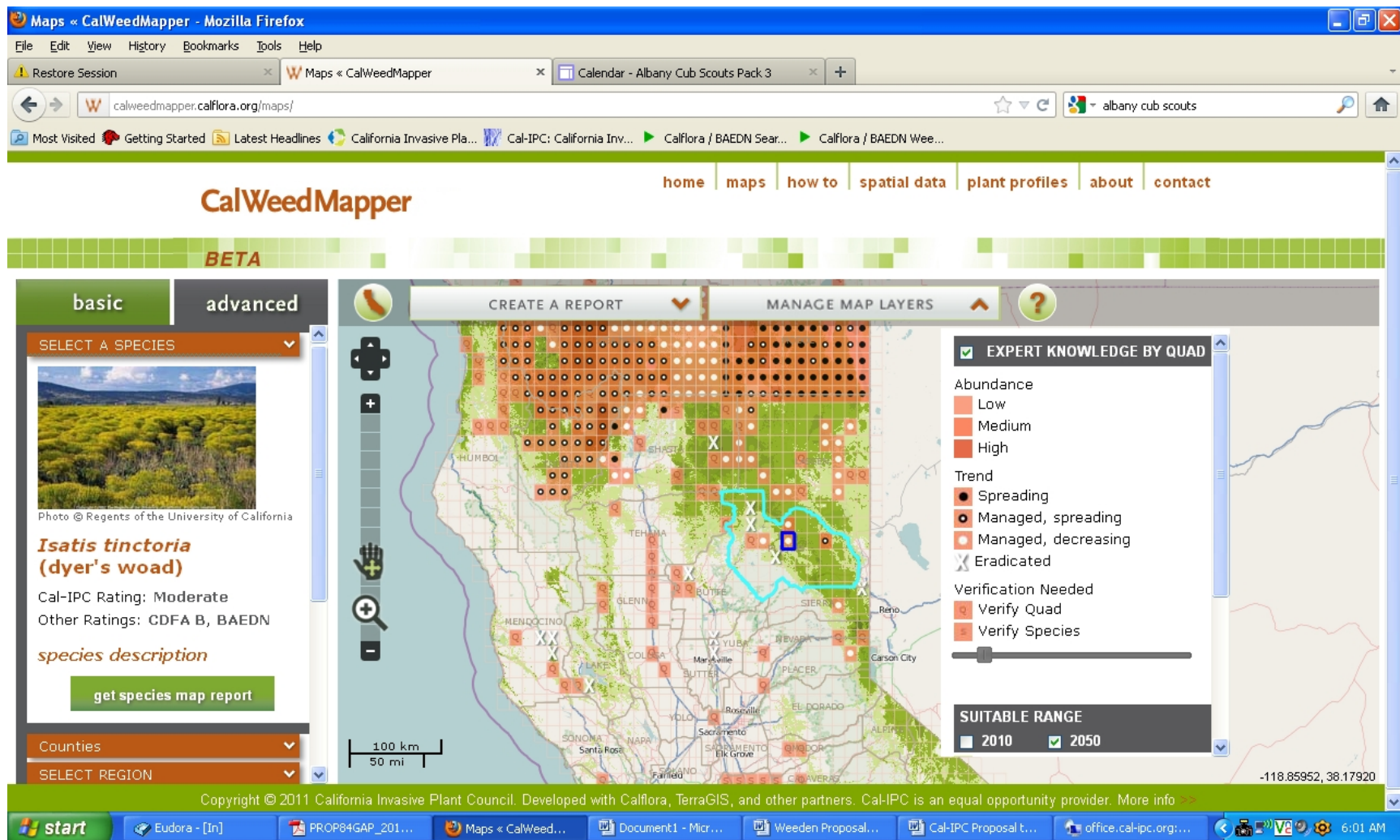
Dyer's woad population

Greenville

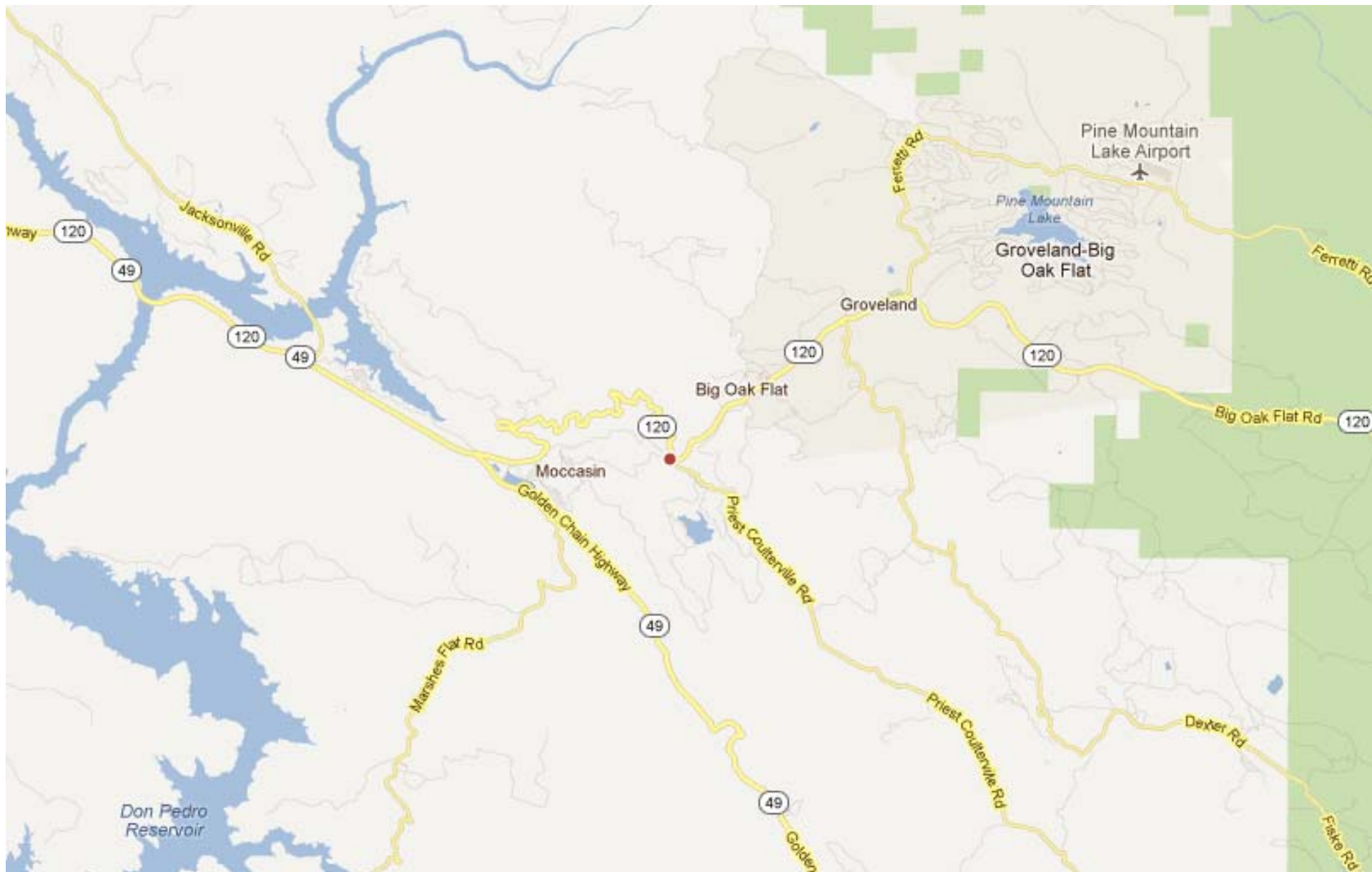
Crescent Mills

Taylorville

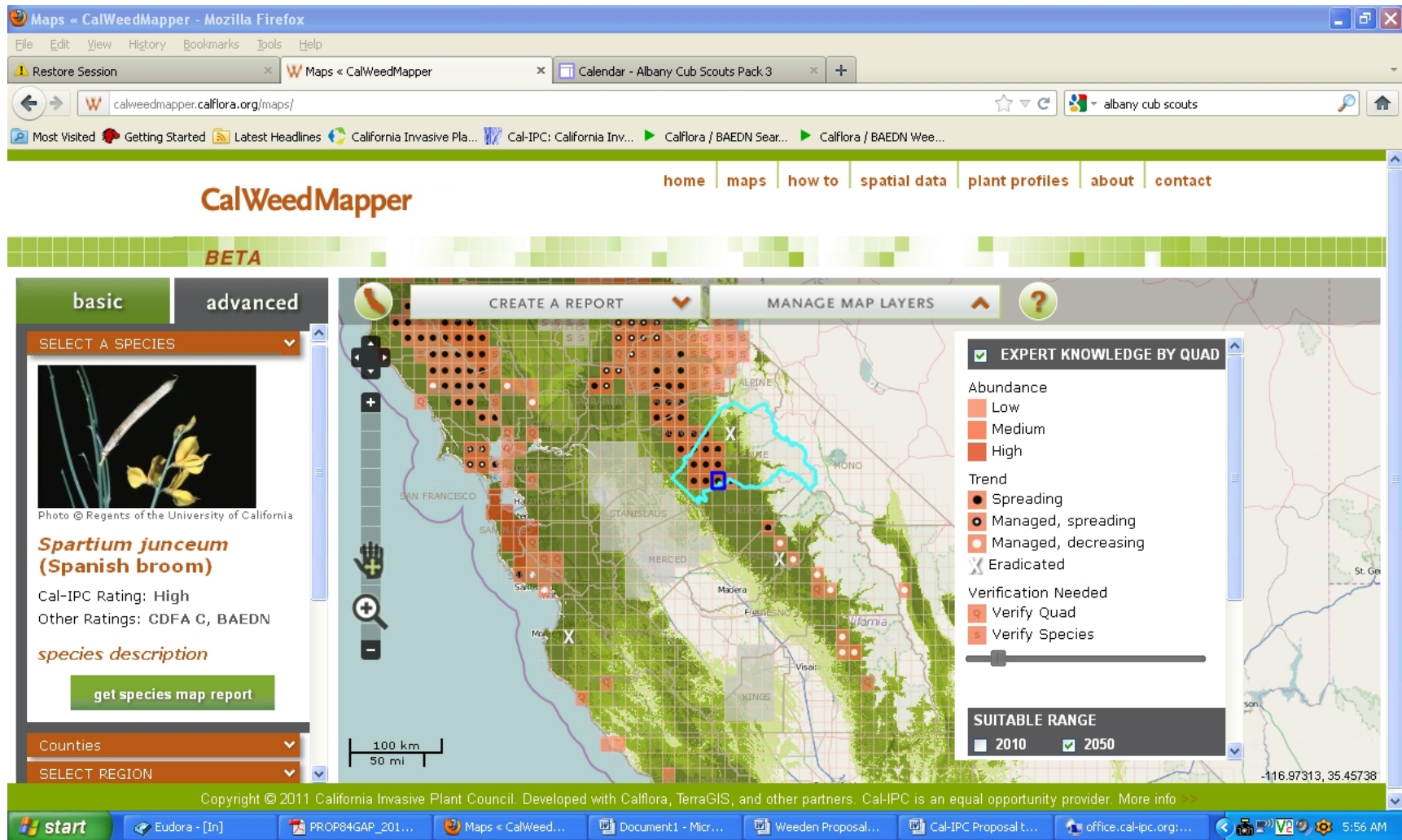




CalWeedMapper showing dyer's woad distribution in northern California. The dyer's woad population to be addressed through this project is located in Plumas County in the USGS quad outlined in dark blue. Green shading shows suitable range for further expansion of dyer's woad.



Spanish Broom – *Spartium junceum* at Old Priest Grade and Hwy 120, Tuolumne County, Groveland CA

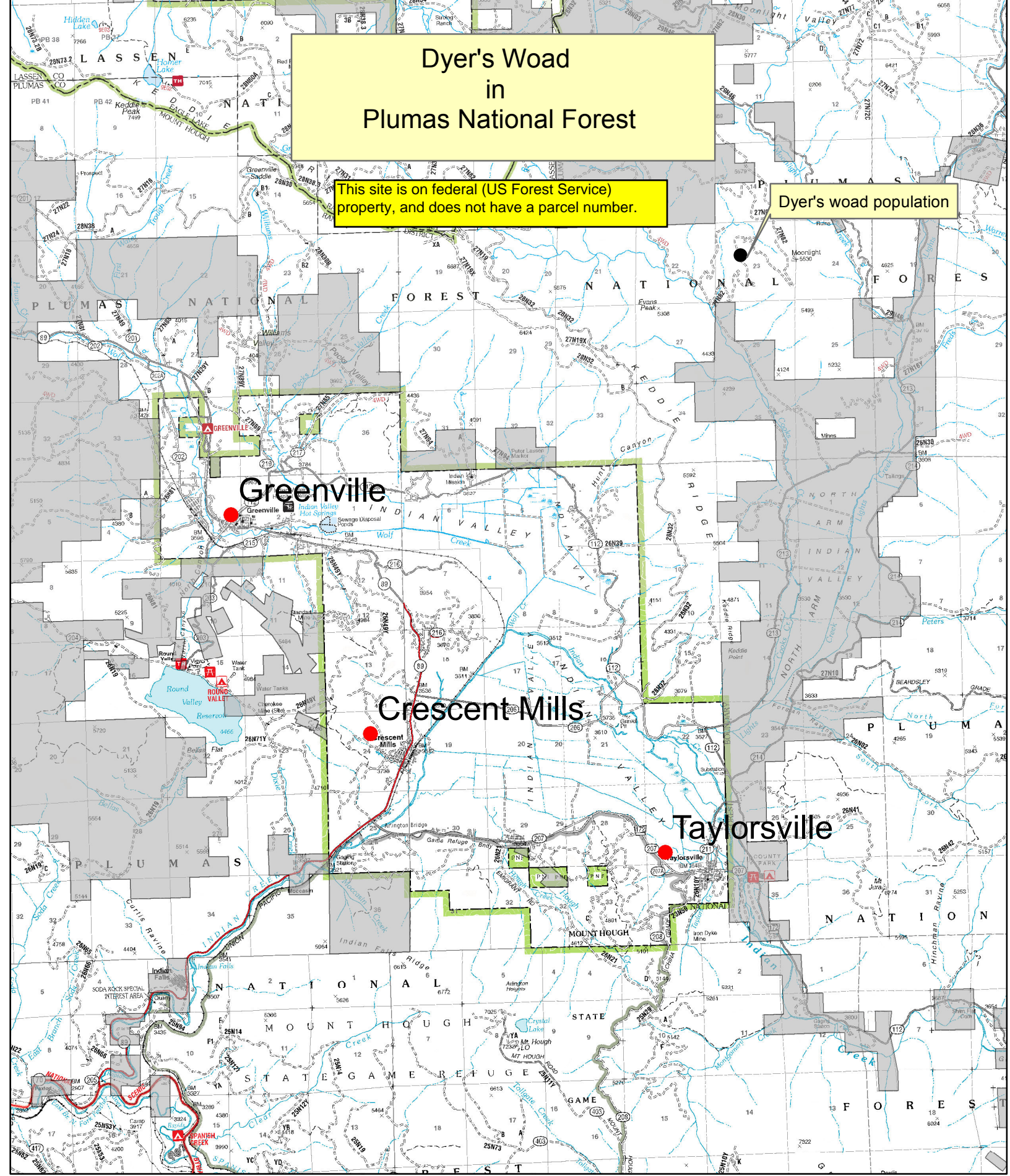


CalWeedMapper showing Spanish broom distribution in the Sierra. The population to be addressed through this project is located in Tuolumne County in the USGS quad outlined in dark blue. Green shading shows suitable range for further expansion of Spanish broom.

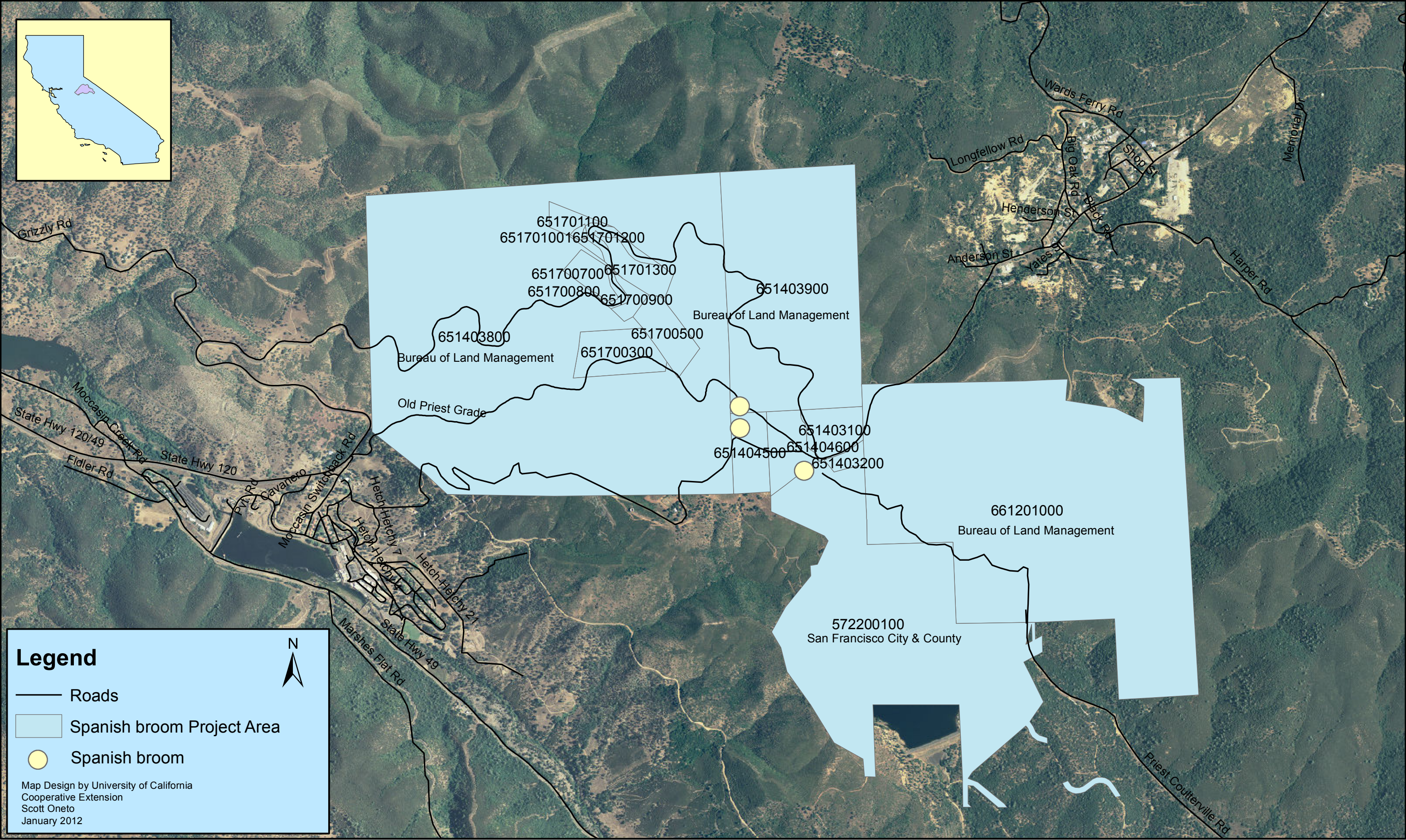
# Dyer's Woad in Plumas National Forest

This site is on federal (US Forest Service)  
property, and does not have a parcel number.

Dyer's woad population



# Planning High-Priority Invasive Plant Management in Mixed Conifer Forests in the Sierra Nevada



Dyer's Woad  
in  
Plumas National Forest

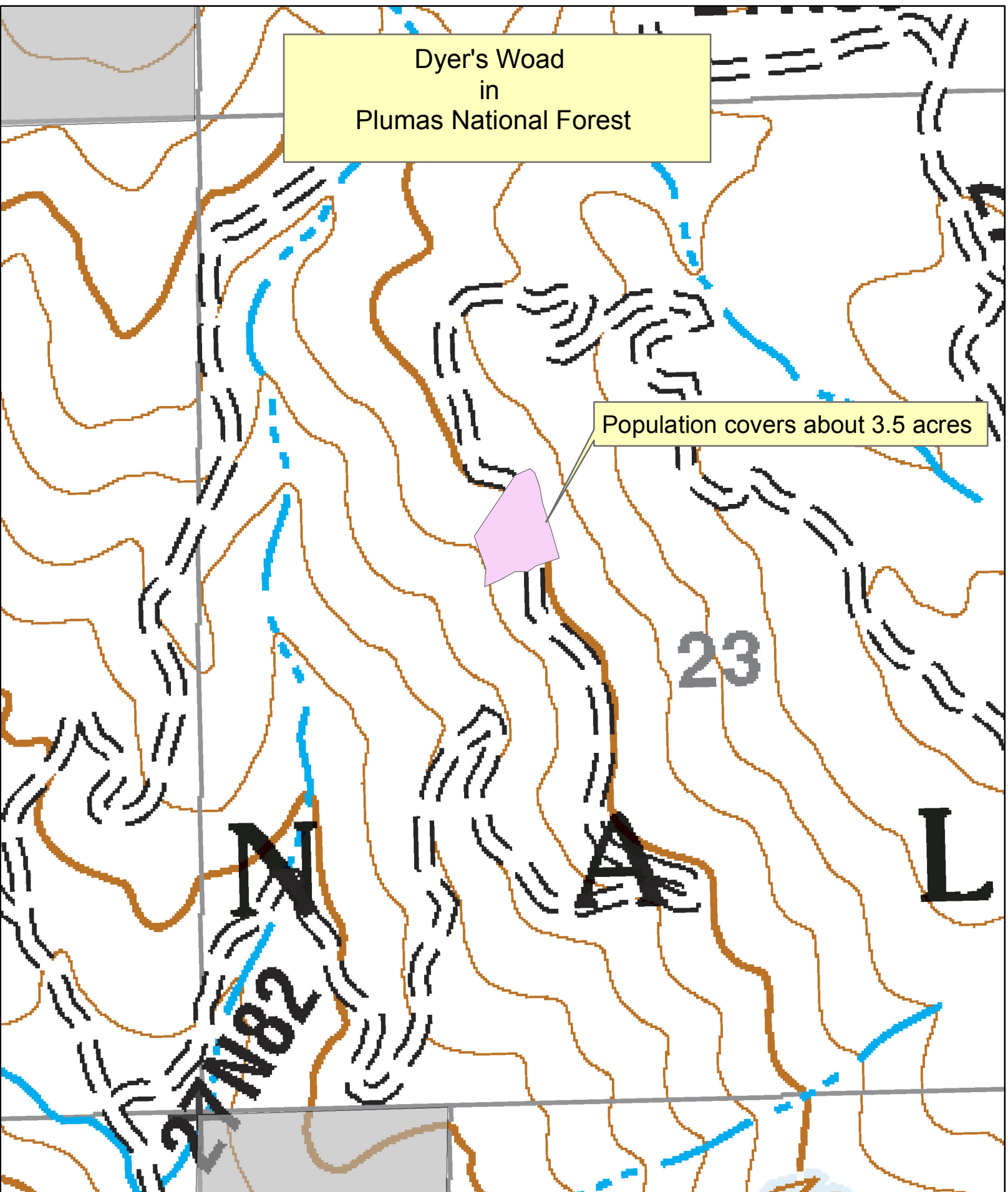
Population covers about 3.5 acres

23

27N82E

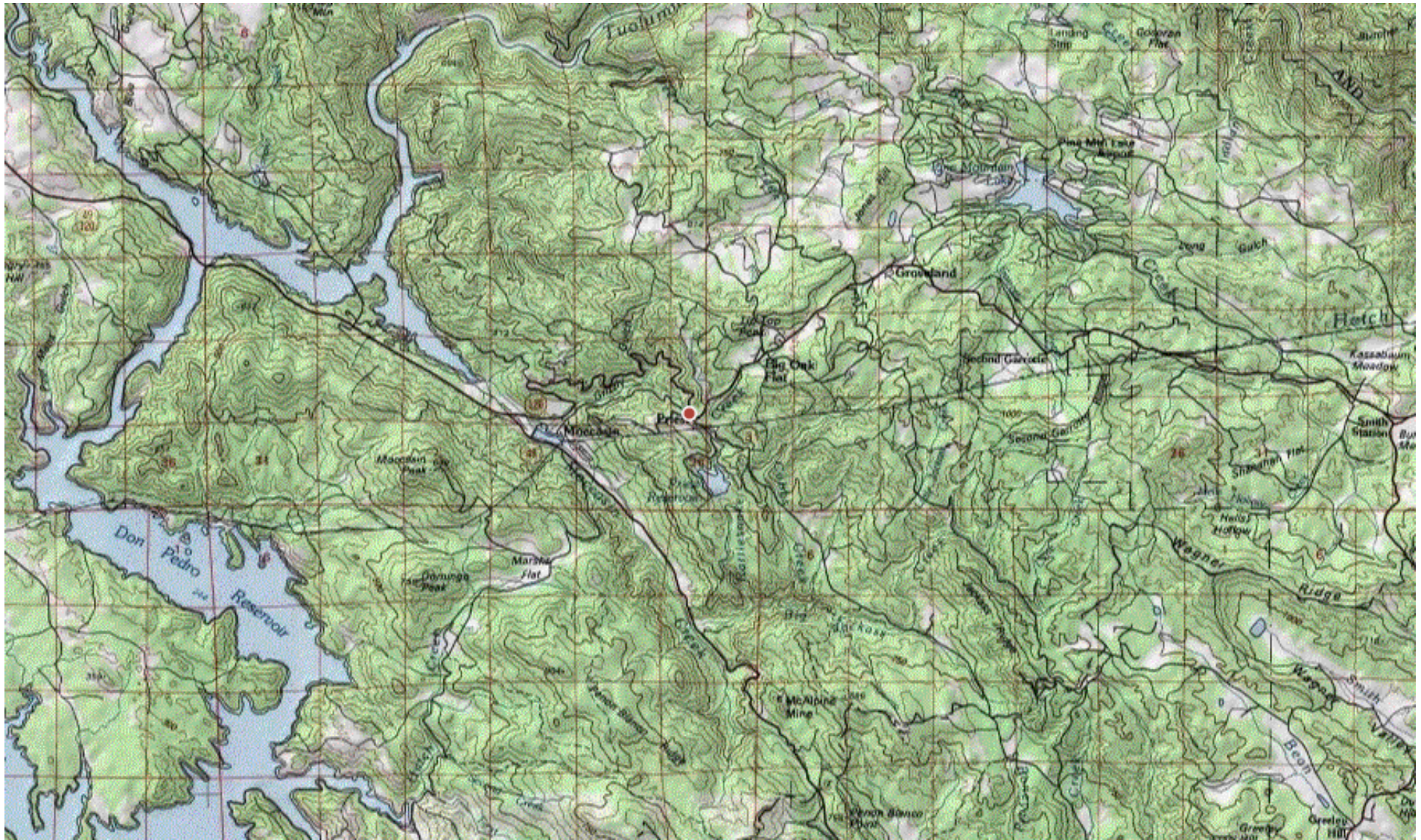
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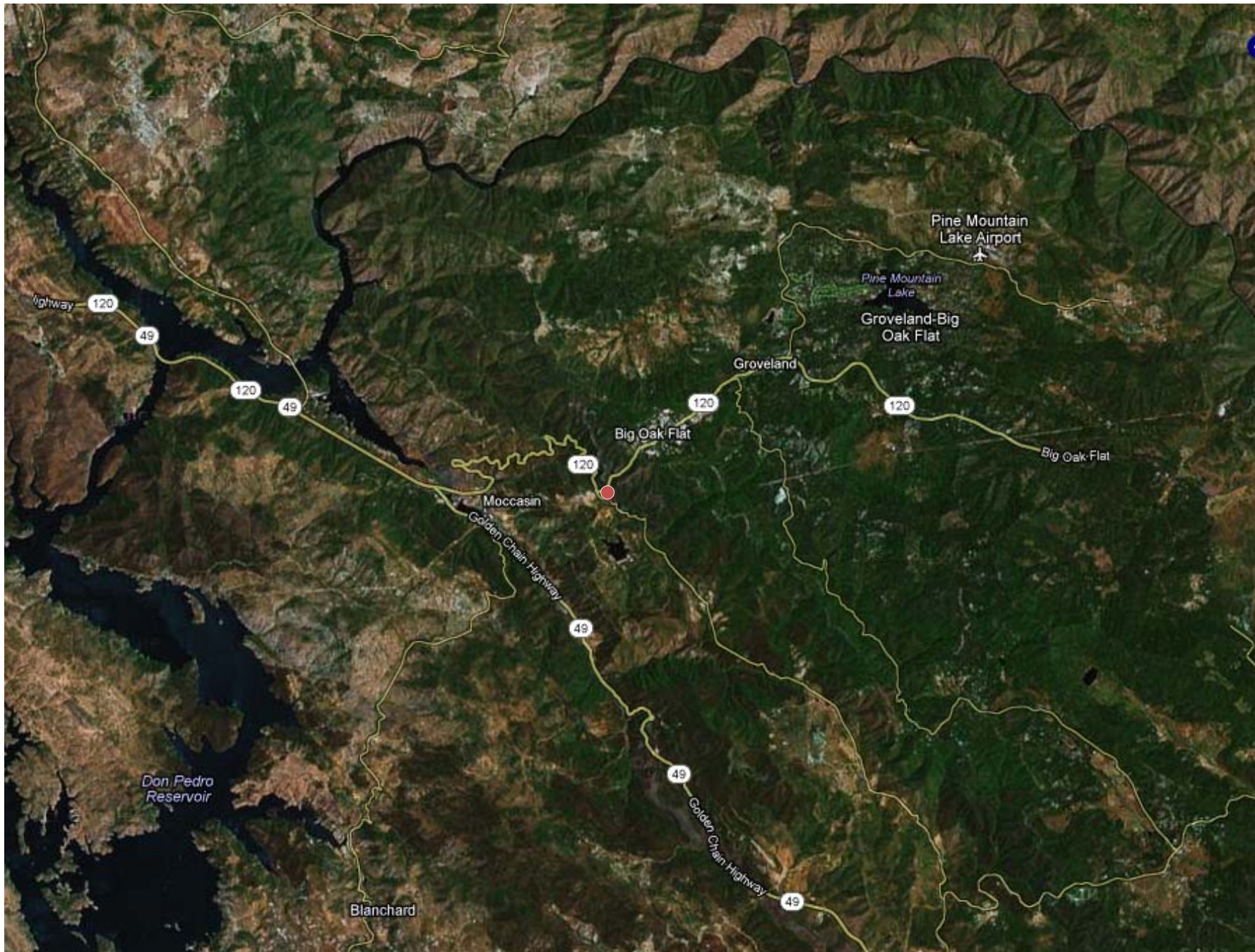


Dyer's Woad  
in  
Plumas National Forest





Spanish Broom – *Spartium junceum* at Old Priest Grade and Hwy 120, Tuolumne County, Groveland CA



Spanish Broom – *Spartium junceum* at Old Priest Grade and Hwy 120, Tuolumne County, Groveland CA





